## Product Model

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>RGB12X-NDI-WH</td>
<td>12X NDI Camera</td>
</tr>
<tr>
<td>RGB20X-NDI-WH</td>
<td>20X NDI Camera</td>
</tr>
</tbody>
</table>

## Performance

### Camera
- **Optical Zoom:** 12X f = 3.9~46.8mm
- **View Angle:** 6.3° ~ 72.9°
- **AV:** F1.8 ~ F2.4
- **Digital Zoom:** 10X
- **Minimum Illumination:** 0.5 lux (F1.8, AGC ON)
- **SNR:** >55dB
- **Effective Pixels:** 2.0M 16:9
- **Pan/Tilt Movement:** -170°~+170°, -30°~+90°
- **Pan/Tilt Control Speed:** 0.1 ~ 60°/s, 0.1 ~ 30°/s
- **Preset Speed/Quantity:** Pan 60°/s, Tilt 30°/s, Up to 255 preset positions (10 remote control)
- **Audio Compression Format:** AAC, MP3, G.711A
- **Video Compression Format:** H.264, H.265, Dual Streaming Output
- **Output Resolutions:** 720p/25/29.97/30/50/59.94/60 | 1080p/25/30/29.97/30/50/59.94/60
- **Control Protocol:** VISCA | Pelco-D | Pelco-P
- **Baud Rate (bps):** 115200 | 9600 | 4800 | 2400bps
- **Network Protocol:** NDI | RTSP | RTMP | ONVIF | GB/T28181
- **Supported Standards:** HDMI 1.3

### PTZ Camera with NDI

**RGB12X-NDI-WH | RGB20X-NDI-WH**

### Connectors

<table>
<thead>
<tr>
<th>Type</th>
<th>Input/Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video (Output)</td>
<td>HDMI</td>
</tr>
<tr>
<td>Audio</td>
<td>Input 1</td>
</tr>
<tr>
<td>Communication</td>
<td>RS232</td>
</tr>
<tr>
<td></td>
<td>RS485</td>
</tr>
<tr>
<td>Power</td>
<td>1x HEC3800 DC Socket</td>
</tr>
</tbody>
</table>

### Power
- **Input Voltage:** DC12V/1.5A
- **Max Power:** 3.2W
- **Environment**
  - **Temperature:** -10℃ ~ 50℃
  - **Humidity:** 20% ~ 80%
- **Physical**
  - **Weight:** 1.4kg
  - **Dimension:** Net 150mm×150mm×167.5mm

## Specification

### Order Codes

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>981-0011-03-0</td>
<td>RGB12X-NDI-WH 12X NDI Camera</td>
</tr>
<tr>
<td>981-0011-04-0</td>
<td>RGB20X-NDI-WH 20X NDI Camera</td>
</tr>
</tbody>
</table>
Precise Head Control
With built-in high precision motor drive control, the camera can be re-positioned in under a second by 60 degrees and a zoom speed of 0.1 degree. Whether large movement or small, multi-speed movement is not only smooth and accurate, but super quiet. Automatic focussing powered with advanced algorithms enhances overall performance aiding ease of operation.

NDI Video Output
Video over IP via NDI is built right into these cameras, enabling quick and ease integration with professional broadcast suites as well as popular NDI enabled platforms such as Zoom.

12X/20X Optical Zoom
With a choice of two models, RGBlink PTZ cameras offer embedded 2D & 3D noise reduction and ISP image processing technology. The result is clear, vivid and balance video regardless of zoom angle.

Professional NDI Camera
Whether outputting to HDMI, SDI or NDI, RGBlink PTZ cameras provide a host of onboard features and functions. Advanced ISP image processing and algorithms enhance image performance from the sensor, encoding for smooth and stabilised video regardless of bandwidth selected.

Full 340 degree horizontal and 120 degree vertical range along with up to wide 72.5 degree viewing angle are provided, making RGBlink cameras suitable for demanding applications whether short throw or long.

Multi-Scene Preset
Create and store up to 255 presets with position, zoom and focus via the web interface. Assign presets to buttons for instant recall.

Web Preview
Preview video and control camera via the web-browser based interface simply by connecting on a LAN. Use any video output for monitoring.

High Sensitivity
Capture video even in low light – from as little as 0.5 Lux. The cameras sensor adapts and optimises across the full range of light and dark environments.

Full Interface Multi-Protocol
RGBlink PTZ cameras offer wide compatibility and interconnectivity in support of the broad range of application possibilities. Video connections are provided for SDI and HDMI as well as for IP based protocols. Control protocols include RTSP, VISCA and PELCO.